P23981	.P05												Sheet 1 of 1							
Patent										epartment of t and Traden		Atty. Docket No. P23981								
BY APPLICANT Vilse several sheets if necessary)												Applicant Shigeo KIGO et al.								
MAR 0 8 2004 Use several sheets if necessary) U.S. PATEN EXAMINER										ssary)		Filing Date July 24, 2003		Group Unknown						
TE TO	7.0EM	RIT	/								U.S. PATENT I	DOCUMENTS			_					
EXAM					UME	ENT	าทบ	МВ	ER	DATE		NAME	CLASS	FILING DATE SUBCLASS IF APPROPRIATE						
Re		5	8	2	8	3	5	3	10/27/98	KISHI et al.			^							
			5	7	8	6	7	9	4	07/28/98	KISHI et al.			_		···				
			6	3	6	6	0	6	3	04/02/02	SEKII									
			6	4	4	8	9	5	0	09/10/02	CHENG	, ,,								
1		Γ	5	9	9	4	9	2	9	11/30/99	SANO et al.		-							
FOREIGN PATENT DOCUMENTS																				
			D	ocı	JME	NT	NU	мві	ER	DATE	cc	DUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO					
B	8 3 - 1 8 3 2 1 1					ī	ı	08/09/91	JAPAN											
	1		8	-	2	3	2	4	2	01/23/96	JAPAN			7						
		9	·	3	2	5	7	3	5	12/16/97	JAPAN			/	_					
	1	0		2	6	8	8	3	1	10/09/98	JAPAN									
			0	8	1	0	5	7	6	12/03/97	E.P.O.		/							
		1		2	6	1	9	2	3	10/18/89	JAPAN	<u> </u>			х					
		7	•	1	6	0	2	1	9	06/23/95	JAPAN									
		5	•	3	1	5	9	1	3	11/26/93	JAPAN		/							
			9	-	4	7	0	1	3	02/14/97	JAPAN		1							
			2	7	6	2	7	0	5	10/30/98	FRENCH									
				_	_		ОТ	HEI	R DO	CUMENTS	(Including Aut	hor, Title, Date, Pert	inent Pages, l	Etc.)						
D	2		1	Er	nglisl	h La				act JP3-1832		<u></u>				- , , , - , ,				
			2	Er	nglisl	h La	ıngu	age .	Abstr	act JP8-2324	12.									
			3	Er	nglisl	h La	ıngu	age .	Abstr	act JP10-268	8831.				***					
		П	4	Er	nglisl	h La	ıngu	age .	Abstr	actJP 1-2619)23.									
			5	Er	nglisl	h La	ıngu	age .	Abstr	act JP5-3159	913.									
\			6	Er	ıglisl	n La	ıngu	age .	Abstr	act JP9-4701	3. ,									
							-					*	 -		·					
									_		<u> </u>					·				
EXAM	INER <			0	يون	Lu	\bigcirc	8	2	JA.O	MEN!	DATE CONSIDERE	D 2.	-//-2 00	6					
					* T	-	\rightarrow					L	<u> </u>	.,	<u> </u>					

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

P23981.P06																Sheet 1
FORM PTO-14	449								epartment of nt and Trader	Atty. Dock P23981	cet No.		Application No. 10/625,557			
														10/025,	,33 <i>1</i> ————	
IN	IFO	RMA	.TIO	N D BY	ISCI APP	LOSI	URE ANT	ST/	ATEMPNT F	·C.'/	Applicant Shigeo KI	GO et al			•	
		(U					if nec		ıry	(B)	Filing Date	e	-	Group		
									INT S	0 2004 2	July 24, 20			2673		
									TARKEU	ENT POCU	JMENTS					
EXAMINER								FILING DATE								
INITIAL	<u> </u>	D	OCI	JME	NT	NUMBE		R	DATE		ME	CLASS	SUB	CLASS	IF APPR	OPRIAT
M	厂	2	<u> </u>	-	Ħ	1	=		11/30/99	SANO et a	d					
102	-	6	0	┼-	1	3	5	5	01/04/00	NAGAI			-			
	-	 	 	┼	\vdash	┼	\vdash	┼—	 	 		<u> </u>	-			
	\vdash		 	╁	 	├-	 	\vdash					 			
		-	 	├─	┼	\vdash	\vdash	├		<u> </u>						
	 		 	\vdash	\vdash	\vdash	 	\vdash	 	-		<u> </u>	-			
			\vdash	 	 	 	-	\vdash					 			
		-	\vdash	\vdash	\vdash		\vdash	 		 			 			
		-			\vdash		 	\vdash					 			
																
		.						<u></u>	FOREIGN P	ATENT DO	CUMENT	S			L	
										COUR		ST 4.60				LATION
13/	\vdash	2	7	OME 6	2	NUN 7	MBE 0	.R 5	DATE 10/30/98	FREACH		CLASS	SOBO	CLASS	YES	NO
102	1	1	-	8	5	0	9	9	03/30/99	JAPAN	vui		<u> </u>			 '
NS.	3	-	1	8	3	2	1	1	08/09/91	JAPAN						
DS	1	0-	2	6	8	8	3	\vdash	10/09/98	JAPAN						
103		0	2	6	1	5	8	4	03/30/98	E.P.O			_	<u> </u>		
100			H			\vdash					-					
						\vdash										
			\square					М								
•			(OTH	IER	DO	CUN	1EN	TS (Includir	ng Author, T		Pertinent Pa	iges, Et	 c.)		
MS		1	En	glish	ı Lar	ıguaş	ge A	bstra	act of JP 11-8	5099.						
pz.		2	En	glish	Lar	ıguaş	ge A	bstra	act of JP 3-18	3211.						
183		3	En	glish	Lar	ıguaş	ge Al	bstra	act of JP 10-2	68831.						
•																
J			<u> </u>													
																
EXAMINER	_		ر	$\overline{}$	<u>A</u>		7		55EN/		re consid				2006	

& cited in previous IDC.

FORM PTO-1	449						Ū.	S. D Pater	epartment of nt and Trader	Commerce mark Office	Atty. Doci P23981	ket No.		Application No. 10/625,557			
Applicant Shigeo KIGO et al Sp 2 8 2004 g (Use several sheets if necessary) Applicant Shigeo KIGO et al Filing Date Group																	
	麗	U	se se	vera	l she	ets i	f nec	essa	ıry)		Filing Dat July 24, 20			Group 2673			
PA PRADEUN									U.S. PAT	TENT DOC	UMENTS						
EXAMINER								_					FILING DATE IF APPROPRIATE				
INITIAL						NUN			DATE	 	ME	CLASS	SUBG	CLASS	IF APPRO	OPRIATE	
μ2		5	6	5	4	7	2	8	08/05/97	KANAZA	WA et al.						
	-		-			\vdash	-	├	 	-		╁					
					-	\vdash	 	├					-				
						H		\vdash									
-								_				1					
										-							
									 								
																,	
								<u> </u>				<u> </u>	ļ				
								<u> </u>	ļ								
					<u> </u>				<u> </u>	<u> </u>	- -	<u> </u>					
									FOREIGN I	PATENT D	OCUMENT	rs	Τ		· ·		
<u>A-y</u>		D	OCI	_		NUN	иве	R	DATE		NTRY	CLASS	SUB	CLASS	TRANS YES	LATION NO	
108	3	·	1	8	3	2	1	1	08/09/91	JAPAN	···		ļ				
DE DE		0	2	6	1	5	8	4	03/30/88	E.P.O		ļ					
12	<u> </u>	0	3	3	5	8	6	6	09/28/99	KOREA		<u> </u>	<u> </u>	-			
<u> </u>	-	3	3	6	4	0	•	P	10/23/02	JAPAN			ļ				
	L	<u> </u>		OTI	TEB	DO.		L	TS (Includi	ing Author	Title Date	Pertinent Pa	ages Fi	<u>c)</u>	<u> </u>	<u> </u>	
	Γ-	Γ								THE PROCESSION OF THE PROCESSI	Title, Date,					· · · · · · · · · · · · · · · · · · ·	
			<u> </u>														
				-													
																	
												•					
										-							
		<u> </u>	<u> </u>														
			<u></u>											., .			
EXAMINER											TE CONSII			1/-2			
*EXAMINER conformance a	: Init nd∘n	tial if	f cita onsid	ition lered	cons	sider clude	ed, v e cor	wheth by of	her or not cit I this form wi	ation is in co ith next com	onformance munication t	with MPEP 6 o applicant.	09; drav	w line thr	ough citatio	on if not in	

FORM PTO					Р	ater	nṫ a	rtment of Co	rk Office	Atty. Doc P23981	ket	No.	Application No. 10/625,557				
	INFOF	MOITAMS	I DIS BY AF	CLC	SUR	ES T	Applicant Shigeo KIGO et al										
٠	(Use seve	eral s	hee	ts if n	ece	ssa	U.S. PATES	8 2005	Filing Dat July 24,)3		Group 2674			
٠								U.S. PA	ME BOCUME	NTS							
EXAMINER INITIAL		D	осим	ENT	NUME	BER		DATE	NAME CLAS		CLASS	CLASS SUBCLASS			FILING DATE IF APPROPRIATE		
											_						
										_							
											· _		-				
									<u> </u>								
					_	_				,							
		**						FOREIGN PAT	ENT DOCU	MENTS							
		D	OCUM	ENT	NUMB	ER		DATE	cou	NTRY	CLASS		SUBCLASS		TRANS YES	SLATION NO	
MS	2	- C		9	7	7	9	01/31/90	JAPAN						X		
M.	7	- 1	6	0	2	1	9	03/08/04	JAPAN								
	•	<u> </u>	0	THE	R DOC	UME	ENTS	S (Including A	uthor, Title,	Date, Pertin	ent	Pages, Etc.	.)	1		L	
							·										
									<u>-</u> -								
										:	_				·		
				_													
EXAMINE			78	<u>て</u>				FISEN/		TE CONSI					200		
								er or not cita							ne throug	h citation	